

ABSTRACT

An apparatus for supporting a load includes pneumatic units and couplers coupled to opposite sides of the load. The couplers move the load parallel to a first axis responsive to actuation of the pneumatic units. At least one of the couplers
s rotate the load about a second axis orthogonal to the first axis. The load is compliant along the first axis and about the second axis. At least one of the pneumatic units provides compliance along the first axis and about the second axis.